WATTI HOME GEN2 16A-48A

The next evolution of smart electric vehicle charging at home.

Level 2 electric vehicle charging station. The first residential EV charger on the market built for utility demand response programs, featuring OCPP 1.6 and OpenADR certifications. Charges any EV up to 40 amps with NEMA 14-50P or up to 48 amps with hardwired installation.

- Includes pre-connected NEMA 14-50P and optional hardwired kit

- Watertight NEMA Type 4 enclosure for indoor/outdoor use

- J1772 connector (NACS available)

- 5.5m (18ft) or 7.6m (25ft) cable options with wrap-around cable management

- Compatible with all North American EV's
  (NACS connector or adapter required for Tesla)

- Secure user authorization, sessions can only be initiated from the homeowners app account

- Track charging data & energy consumption in the app

- Start/Stop/Schedule charging sessions with our free app:

  Electric Avenue

  Download on the **App Store**   GET IT ON **Google Play**

Electric AVENUE

GoElectricAve.com

TECHNICAL SPECIFICATIONS

Model Name	Watti Home Gen2	
Installation Type	Wall Mounted / Pedestal Mounted* (*Pedestal Sold Separately)	
Safety	ETL/cETL (North America)	

Power Specification

AC Input	Input Rating	Single-phase: 208/240V
	AC Input Connection	L1/L2/PE
	Input Current	40A (Plug-in)/48A (Hardwired)
	Frequency	60Hz
AC Output	Output Current	Hardware/Software Adjustable: 16A/32A/40A/48A (48A Hardwired Only)
	Output Power	11.5kW at 240V/10kW at 208V
Output Interface	SAE J1772 AC Charging Connector (Optional NACS Connector or Adapter)	

User Interface & Control

Display	LED Indicator light (Red, Green, Blue)
User Authentication	None (Plug and Charge Mode) or Secure (User Authorization by Mobile App)

Communication

Network Connection	WiFi/LAN
Internet Function	10M / 100M Base-T
WiFi Function	802.11 b/g/n
Charge Protocol	OCPP 1.6 JSON

Environmental

Operating Temperature	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	Up to 95% Non-Condensing
Storage Humidity	5% to 95%
Altitude	≤ 2000m (≤ 6561ft)
Protection Level	NEMA 4X / IP 65

Mechanical

Charger Dimensions (W x H x D)	218mm x 218mm x 94mm (8.6in x 8.6in x 3.7in)
Weight	7kg (15.4lbs)
Cable Length	Optional 5.5m (18ft) or 7.6m (25ft)

Safety

Input Protection	UVP, OVP, RCD (CCID20), SPD, Ground Fault Protection
Output Protection	OCP, OTP, Control Pilot Fault Protection
Protocol	OTP, Relay welding detection, CCID self-test, MCU function fault detection

Regulation

Certificates	UL2594, UL2231-1/-2, FCC

Available Configurations & Part Numbers

Black Charger, 5.5m (18ft) Cable	EAWHG248-18WI0PLBL
Black Charger, 7.6m (25ft) Cable	EAWHG248-25WI0PLBL
White Charger, 5.5m (18ft) Cable	EAWHG248-18WI0PLWH
White Charger, 7.6m (25ft) Cable	EAWHG248-25WI0PLWH